

# Product Datasheet

## MuRF1/TRIM63 Antibody NB100-1193

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

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**NB100-1193****MuRF1/TRIM63 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

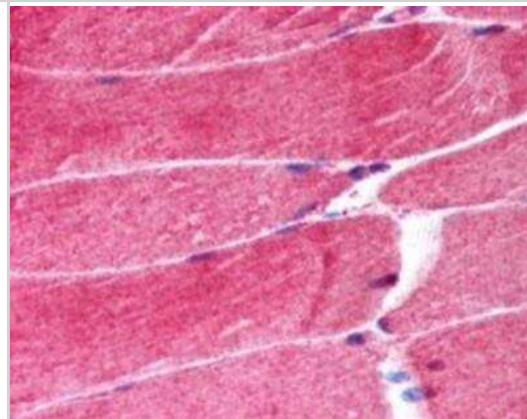
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat MuRF1/TRIM63 Antibody (NB100-1193) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MuRF1/TRIM63 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	84676
<b>Gene Symbol</b>	TRIM63
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence DYKSSLIQDGNPM-C corresponding to N-Terminus according to NP_115977.2.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Preliminary experiments gave an approx. 60 kDa band in human skeletal muscle lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 40.2 kDa band according to NP_115977.2. The 60 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human skeletal muscle shows strong staining in rare nuclei, and weak staining of muscle fibres in longitudinal section.



## Images

Immunohistochemistry-Paraffin: MuRF1/TRIM63 Antibody [NB100-1193]  
- (1.25ug/ml) staining of paraffin embedded Human Skeletal Muscle.  
Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Dai KS, Liew CC. A novel human striated muscle RING zinc finger protein, SMRZ, interacts with SMT3b via its RING domain. J Biol Chem 2001-06-29 [PMID: 11283016]

Hepple RT, Qin M, Nakamoto H et al. Caloric restriction optimizes the proteasome pathway with aging in rat plantaris muscle: implications for sarcopenia. Am J Physiol Regulatory Integrative Comp Physiol;295(4):R1231-1237. 2008-01-01 [PMID: 18703409]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-1193**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00084676-P01-10ug	Recombinant Human MuRF1/TRIM63 GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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